

INTERNATIONAL SEARCH REPORT

International Application No.
PCT/IL2004/001091

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04L12/26 G06F9/445 H04L29/06

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H04L G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 508 941 A (LEPLINGARD ET AL) 16 April 1996 (1996-04-16)	1-4, 13-26, 31-34, 43-45
Y	the whole document	7, 37
A	US 2003/145039 A1 (BONNEY JORDAN C ET AL) 31 July 2003 (2003-07-31) paragraph '0036! - paragraph '0041!; figures 2,5,6	1, 31
X	WO 03/060717 A (FOUNDSTONE, INC) 24 July 2003 (2003-07-24)	27-30, 46
Y	paragraphs '0025! - '0028!, '0064!, '0074! - '0093!; figures 4,5	7, 37
A	US 2003/212910 A1 (ROWLAND CRAIG H ET AL) 13 November 2003 (2003-11-13) paragraphs '0028! - '0037!; figures 1,2	27, 46

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

G document member of the same patent family

Date of the actual completion of the international search

17 May 2005

Date of mailing of the international search report

07.06.05

Name and mailing address of the ISA

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Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:

2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:

3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☒ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.

2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.

3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:

4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☒ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-26,31-45

Collecting information relating to a communication network

2. claims: 27-30,46

Collecting information relating to operating systems
operating on nodes in a communication network

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5508941	A	16-04-1996	FR 2685526 A1 AT 155629 T CA 2085867 A1 DE 69220909 D1 DE 69220909 T2 EP 0549409 A1 ES 2104877 T3	25-06-1993 15-08-1997 21-06-1993 21-08-1997 15-01-1998 30-06-1993 16-10-1997
US 2003145039	A1	31-07-2003	NONE	
WO 03060717	A	24-07-2003	WO 03060717 A1 AU 2002245262 A1 CA 2473444 A1 EP 1466248 A1	24-07-2003 30-07-2003 24-07-2003 13-10-2004
US 2003212910	A1	13-11-2003	US 2003196123 A1 AU 2003220582 A1 CA 2479504 A1 EP 1491019 A1 WO 03084181 A1	16-10-2003 13-10-2003 09-10-2003 29-12-2004 09-10-2003